

CENTRAL INTELLIGENCE AGENCY

REPORT

CD NO.

DATE DISTR 2 JUN 51

NO. OF PAGES 3

NO. OF ENCLS. 4 (3 pages)
(LISTED BELOW)

SUPPLEMENT TO
REPORT NO.

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| | |
|-----------------|------------------------|
| Gasoline | 71,500,000 hectoliters |
| Light oils | 62,500,000 hectoliters |
| Heavy oils | 46,500,000 hectoliters |
| Petroleum (sic) | 24,000,000 hectoliters |

| <u>Refinery</u> | <u>Gasoline</u> | <u>Light Oil</u> | <u>Heavy Oil</u> | <u>Petroleum (sic)</u> |
|-----------------|------------------|------------------|------------------|------------------------|
| Kolin | 1,050,000 | 1,354,000 | 1,000,000 | 630,000 |
| Pardubice | 1,575,000 | 1,260,000 | 990,000 | 675,000 |
| Kralupy | 500,000 | --- | --- | --- |
| Houdnice | 560,000 | 450,000 | 350,000 | 240,000 |
| Mor. Ostrava | 1,050,000 | 840,000 | 660,000 | 450,000 |
| Slovnaft | 900,000 | 640,000 | 360,000 | --- |
| Petrochemia | 320,000 | 670,000 | 530,000 | --- |
| <u>Total:</u> | <u>5,995,000</u> | <u>5,214,000</u> | <u>3,880,000</u> | <u>1,995,000</u> |

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Auth.: RM 70-2
Date: 8 SEP 1978

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a distillation plant built in 1930 and slightly damaged during World War II, which has a production capacity of about 1,200,000 hectoliters per month, two oil refineries (sic), two paraffin plants and one petroleum station (sic). Storage facilities at the plant consist of about 12 tanks 15 meters in diameter and 15 meters high for storage of crude oil, and 20 tanks east of the plant for storing the final products. About 80 percent of the crude oil processed by this refinery is imported from Rumania while the remainder is supplied by the USSR. As is the case in all Czech refineries, most of the production is delivered to the Ministry of National Defense for use by the army. Benzinol handles the delivery of production for civilian use. The Research Institute of Bohemian and Moravian Refineries has laboratories at the Kolin refinery and is engaged in research on more efficient refining processes and the use of waste products.

3. Petrochema National Corporation in Dubova was established in 1932 as the Apollo Refinery. Ninety percent of the plant was destroyed during the war, but immediately afterwards reconstruction and nationalization of the refinery was undertaken. In 1949 the two independent refineries Petrochema in Dubova and Slovnaft in Bratislava were created from Apollo. Petrochema processes petroleum from the Gbely fields by means of refining and pipe still distillation. The pipe still handles about 1,200,000 hectoliters per month. Other distillation equipment processes an additional 400,000 hectoliters per month. The Research Institute laboratories at Petrochema have succeeded in producing practically pure "white oils" of excellent quality and very durable. Full-scale production of this product is to start in October 1950. The lubricating oils produced by Petrochema have a low viscosity and must be mixed with higher viscosity oils from the Bohemian refineries. The refinery employs about 400 workers including about 130 office personnel. There is a 40-man workers' militia. Work is done in three shifts. Leading personnel include the following:

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- | | | |
|--|-------------------------|-------------------------|
| a. Plant Manager and Production Chief | Ing. Karel Spork, | |
| b. Chairman of the Plant KSC Organization | Alexander Karnay, | an ardent Communist. |
| c. Chief of the Research Institute laboratories | Ing. Alexander Cargoci, | |

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4. Slovnaft National Corporation, north of Bratislava on the Danube River, was part of Apollo Refinery before World War II. Like Petrochema, it was nationalized immediately after the war. This refinery is reported to have the only cracking plant in Czechoslovakia. It consists of four cracking towers and pumping stations and a cooling plant, which were

It is not possible to get replacement parts from Czech firms. The distillation plant consists of two old distilling towers which are in frequent need of repairs. It processes about 1,600,000 hectoliters of petroleum per month, while the cracking plant handles about 400,000 hectoliters. Crude oil is imported from Hungary, Austria, Rumania and Arabia. High-grade coke produced as a by-product of the cracking plant is exported to Hungary. All other production is delivered to the Ministry of National Defense or to Benzinol. The refinery manufactures its own precision measuring devices in a plant machine shop. The Slovnaft refinery employs about 540 workers including about 340 officer personnel. Leading personnel include the following:

- | | | |
|---------------------------------|---------------------|----------------------|
| a. Plant Manager | Ing. Vaclav Vesely, | |
| b. Chairman of the Plant KSC | Tomas Viboch, | an ardent Communist. |

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| c. Deputy Manager | Dr. Lazar Rosen, an ardent Communist. | 50X1-HUM |
| d. Planning Chief | Ing. Jaroslav Gargos, [redacted] anti-Communist. | |
| e. Production Chief | Ing. Mozola, [redacted] an ardent Communist. | |
| f. Chief of the Paraffin Department | Amer, German, [redacted] | |
| g. Chief of the Paraffin Department | Ing. Smid, [redacted] | |
| h. Chairman of the Workers' Council | Stefan Juricek, [redacted] a convinced Communist. | |

5. Experimental Drilling for oil was started by a German corporation in the Malacky (P49/S82) area during World War II, but without success. In 1945, a Czech concern using Soviet specialists sank test wells and discovered a large bed of petroleum under the entire area, which includes Zistersdorf, Austria, and Malacky, Gbely and Hodonin in Czechoslovakia. Two explosions occurred in the region of Plavecky Stvrtok (P49/S81) in August 1949 and July 1950. The latter explosion caused an oil fire that lasted six weeks. Methane gas was found at all test wells and is being transported to Bratislava by pipeline. Between 45 and 50 test wells have been sunk in the area of Malacky, about three-quarters of them on the west side of the Bratislava-Brno railroad.

Attachment: I Situation Plan of Petrochema National Corporation
 II Plan of Petrochema Refinery, with key
 III Plan of Slovnaft Refinery, with key
 IV Malacky Oil Fields, with key

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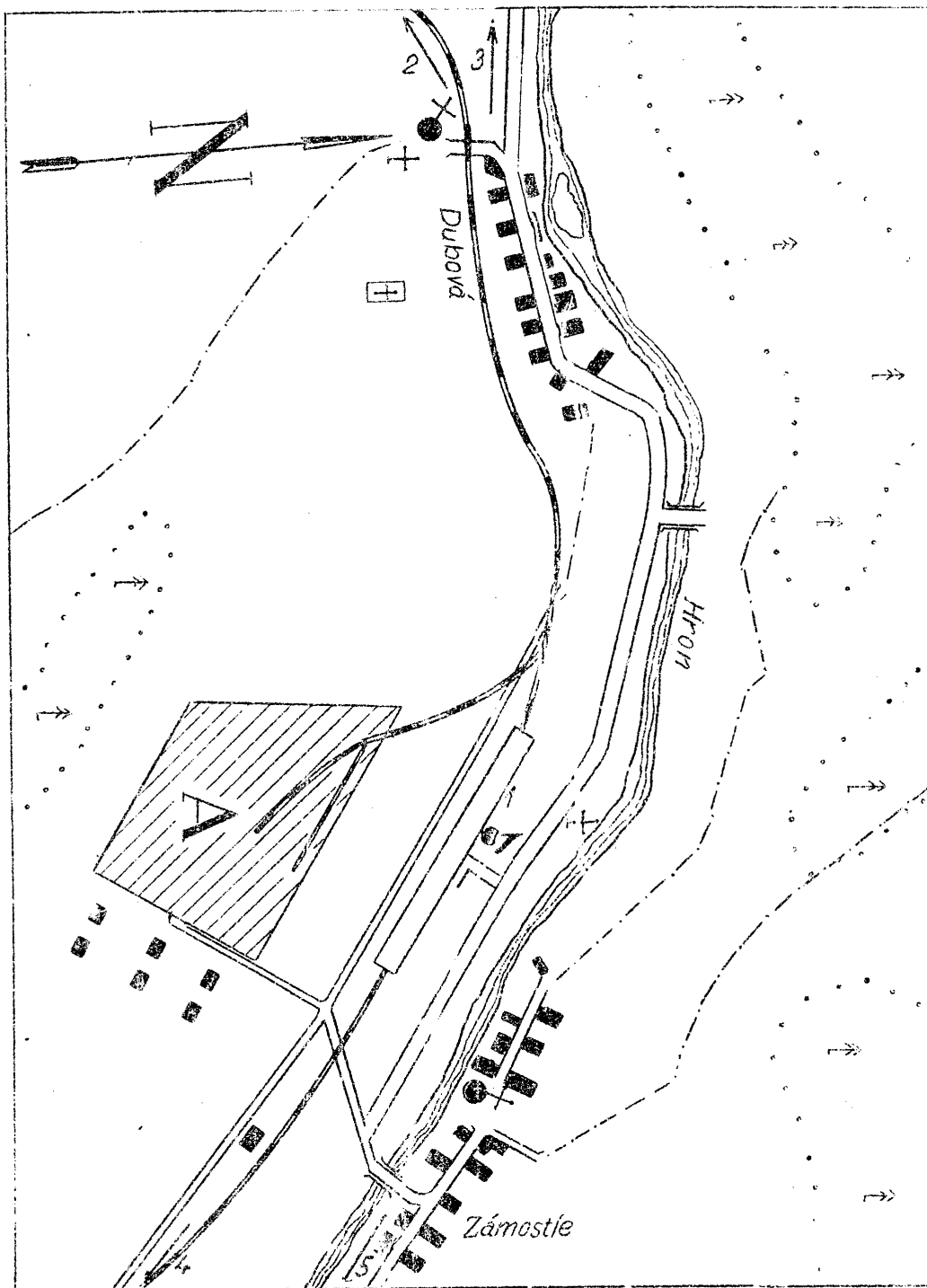
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ATTACHMENT I

Petrochemia National Corporation

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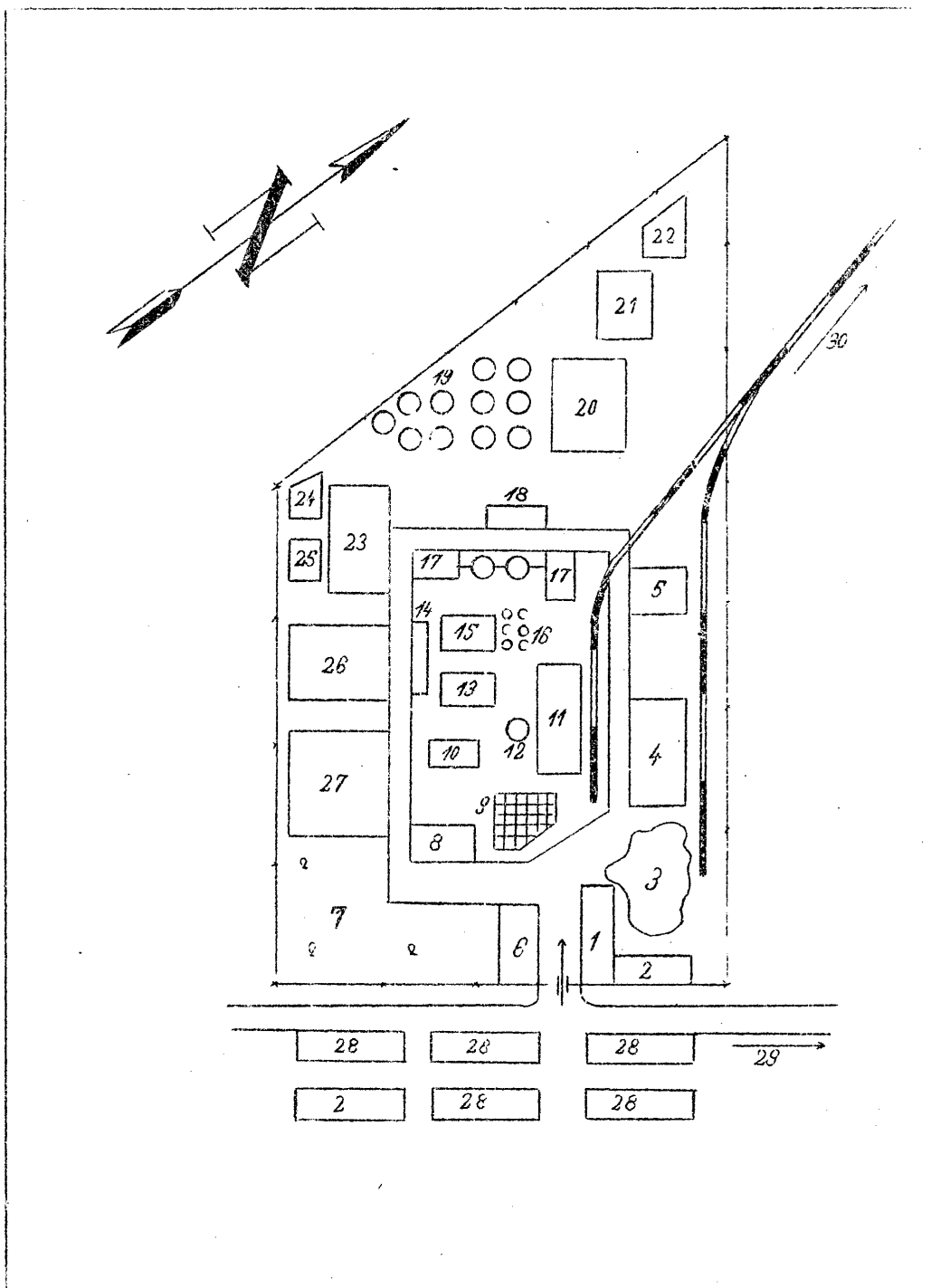
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ATTACHMENT II

Plan of Petrochema

Scale: 1 : 2,500

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CENTRAL INTELLIGENCE AGENCY

KEY TO ATTACHMENT II



1. Guardroom, plant kitchen, dining room, ROH offices
2. Garages
3. Barrel storage
4. "Stoko" Department
5. Warehouse
6. Administration building
7. Garden
8. Research Institute
9. Barrel storage
10. Electrical workshop
11. Boiler house
12. Chimney
13. Oil refining plant
14. Wardrobes
15. Distillation plant
16. Chemical tanks
17. Pipe still
18. Pumping station
19. Tanks
20. Collecting basin
21. Collecting basin
22. Collecting basin
23. Machine shop
24. Water reservoir
25. Water reservoir
26. Filtering field
27. Filtering field
28. Houses
29. Road to Dubova
30. Plant railroad spur

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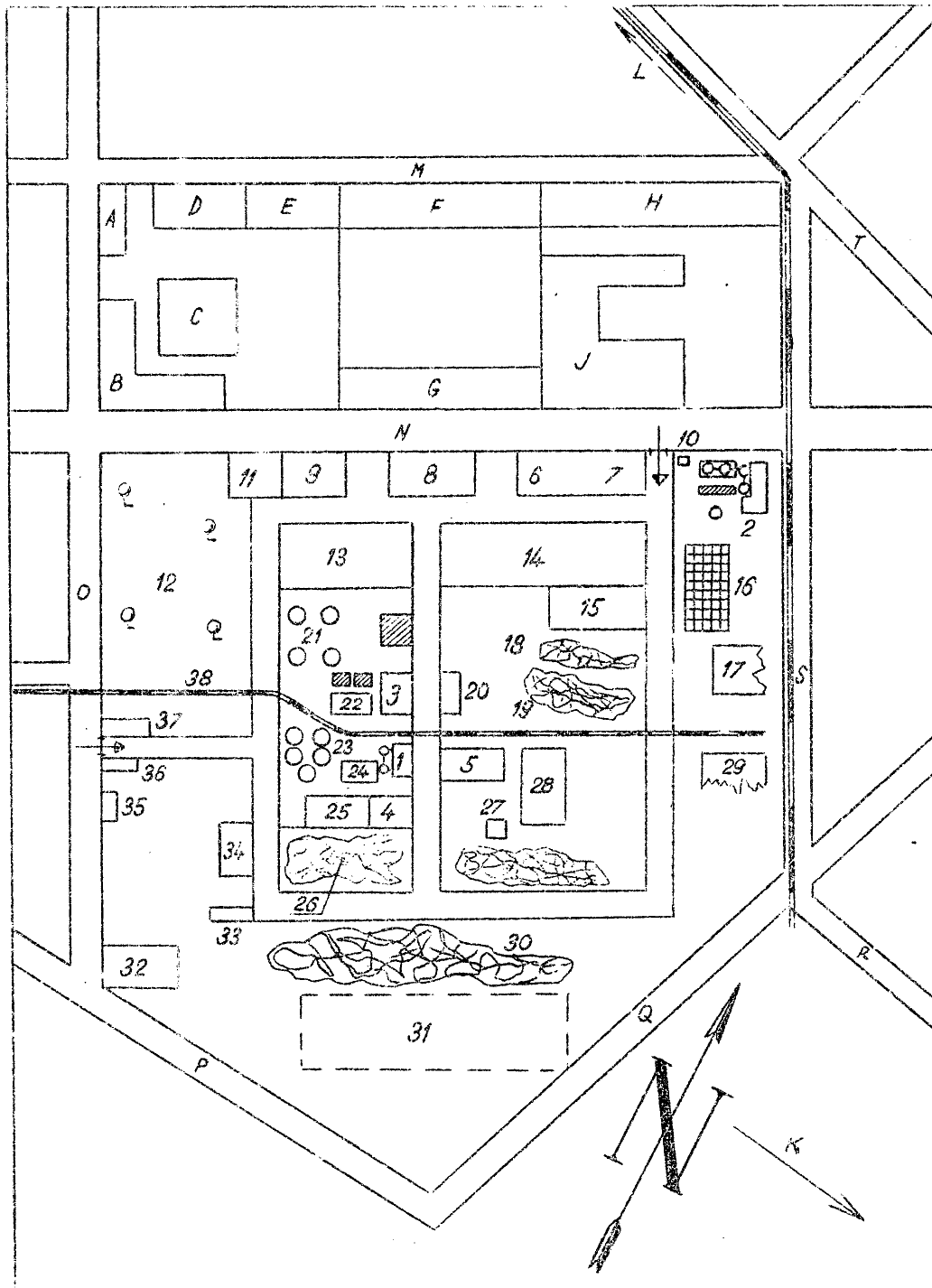


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ATTACHMENT III

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KEY TO ATTACHMENT III

1. Pipe still
2. Cracking plant
3. Gasoline department
4. Refining plant
5. Paraffin plant
6. Precision tool shop
7. Machine shop
8. Joinery
9. Construction offices
10. Guardroom
11. Automobile repair shop
12. Garden
13. Wreckage
14. Wreckage
15. Boiler house
16. Store of barrels and tar
17. Destroyed boiler house
18. Heap of coal
19. Destroyed buildings
20. Pumping station
21. Tanks
22. Warehouse
23. Tanks
24. Wardrobes
25. Boiler house
26. Heap of coal
27. Offices of paraffin plant
28. Warehouse of paraffin plant
29. Destroyed buildings
30. Wreckage
31. New pipe still
32. House
33. Dunker
34. Administration building
35. Guard
36. Workshop militia
37. Guardroom
38. Workshop railroad
- A. Guardroom
- B. Warehouse
- C. Cotex (sic)
- D. Accounting offices
- E. Houses
- F. Kablo buildings
- G. Installation works of Bratislava
- H. Oil stores of Benzinol
- J. Chemadroga
- K. To Bratislava Danube Port
- L. Plant railroad spur
- M. Tovarenska Street
- N. Bottova Street
- O. Gulenova Street
- P. Bosakova Street
- Q. Kosicka Street
- R. Pristavni Street
- S. Chalupkova Street
- T. Mlynske Nivy

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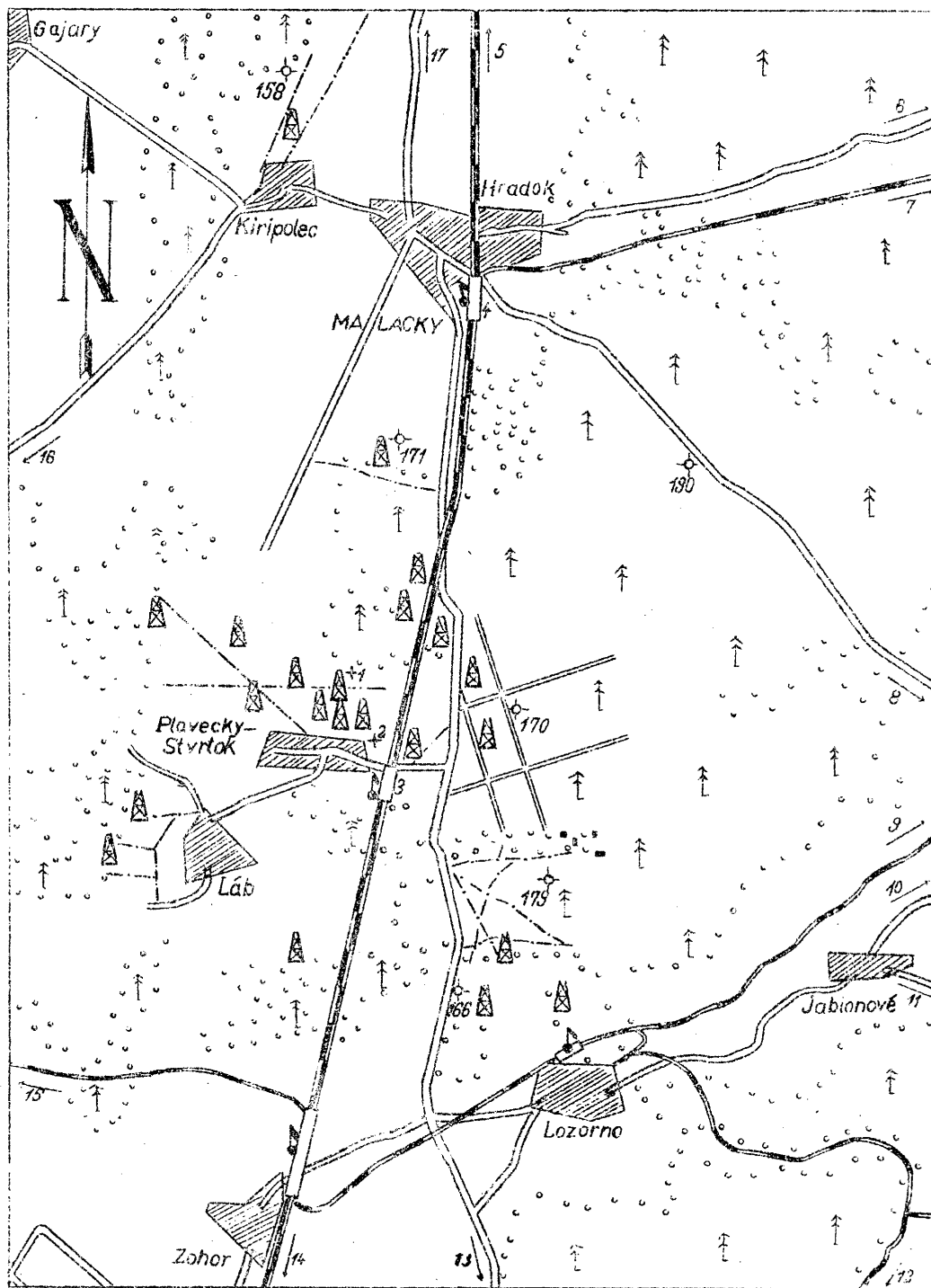
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ATTACHMENT IV

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Czechoslovak Petroleum Fields, National Corporation, Malacky

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KEY TO ATTACHMENT IV

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1. Site of the first explosion
2. Site of the second explosion
3. Towers for trial boring
4. Plavecky Stvrtek railroad station
5. Malacky railroad station
6. Railroad to Brno
7. District road to Rarbok
8. Railroad to Rarbok
9. District road to Pezinok
10. Railroad to Rarbok
11. District road to Kuchyna
12. Road to Turecky Vrch
13. Narrow-gauge railroad
14. District road to Stupava
15. Highway to Bratislava
16. Railroad to Uhorska Ves
17. District road to Jakubov
18. Highway to Brno

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